

Gu
Glutamic Acid Synthesis from Plant Alpha-
Ketoglutarate, by V. L. Kretovich and V. I.
Yakovleva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No
2, 1957, pp 455-458.

Consultants Bureau

Sci - Chem

73 667

Aug 58

Biosynthesis of Glutamic Acid and Glutamine in Pea
and Wheat Seedlings, by V. I. Kretovich, V. I.
Yakovlev, 5 pp.

RUSSIAN, per, Fiz Rasteniy, Vol VI, No 2,
1959, pp 165-170.

Amer Inst of Biol Sci

Sci

Dec 59

103,847

A Mechanism for the Decomposition of ²Hydroperoxide
Intermediates in the Oxidation of Liquid n-Decane,
by Z. K. Mayzus, V. N. Yakovleva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI, No 2,
1960, pp 351-353.

CB

Sci

149,756

Apr 61

Formation of a Complex Compound on Fusion of Copper
Sulfate and Tellurite, by V. S. Yakovleva, B. I.
Troytskiy, 6 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol 1, No 2,
1956, pp 257-263.

AEC-Tr-4583
PL-480

Sci
Jun 63

233,920

The Interaction of Copper Tellurite and Copper
Disulfatotelluritocuproate With an Aqueous
Solution of Ethylenediamine, by V. S. Yakovleva,
B. I. Troytskiy, 10 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol I, No 2,
1956, pp 264-273.

ABC-TR-4583
FL-480

Sci
Jun 62 63

233,891

The Triethylenediamine and diaquobisethylenediamine
complexes, of Cupric Hydroxide, by V. S. ...
Yakovleva, E. Sn. Ganelina, 3 p.

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 4, .
1959, pp 775-782.

Cleaver-Hume Press Ltd.
London

Sci-Chem
Jan 60

106,511

Basic Copper Tellurites, by V. S. Yakovleva,
E. Sh. Ganelina, 2 p.

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 3,
1959, pp 513-518.

Cleaver-Hume Press Ltd.
London

Sci - Chem
Jan 60

106,538

The Purification of Tellurium Dioxide, by
V. S. Yakovleva, E. Sh. Ganelina, 2 p.

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 3,
1959, pp 522-523.
519-521.

Cleaver-Hume Press Ltd.
London

Sci- Chem
Jan 60

106,539

The Fate of Sexual Form of EL. Virus in the
Abdominal Cavity of Mosquitoes of the Genus
Theobaldia, and Aedes Caneva, by E. H. Mikullov,
V. V. Yakovleva, 1130
MAGAZIN, per, Zhurnalovskaya Meditsina i Veterinariya
Vol 7, 1963, No 5, pp 571-581
OCS ET-61-00115

V. V. Yakovleva

Sol - Biol
June 67

300, 100

Concerning the Physiological Role of Molybdenum
in Plants, by V. V. Yakovleva, E. I. Minina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXII, No 1,
1958, pp 179-.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

92,025

(FDD 27466)

The Role of the Higher Regions of the Central Nervous System in the Immune Reactions of an Organism, by Ye. A. Yakovleva, N. I. Kovaleva, 13 pp.

RUSSIAN, no per, Zhur Mikrobiol, Epidemiol i Immunobiol, Vol XXVII, No 1, Moscow, Jan 1956, 38-42.

USSR

Sci - Medicine, neurophysiology
May 56

S.L.A. 7-754
CIA/FDD U-8228
35,536 NIH 3-16a

S.A.R. - 2747

Yakovleva, Ye. A., Petrov, E. S. and others.
EFFECT OF METAL AND SOLVENT ON THE FOR-
MATION OF AROMATIC ANION-RADICALS, INITIA-
TORS OF POLYMERIZATION. [1960] 4p. 18 refs.
Order from OTS or SLA \$1.10 61-14984

Trans. of Akad[emiya] Nauk SSSR. Dokl[ady] 1960,
v. 133 [no. 3], p. 645-648.

DESCRIPTORS: Electron transitions, Styrenes,
*Polymerization, Ions, Alkali metal compounds,
Alkali metals, Benzenes, Metals, *Polymers.

(Chemistry--Organic, TT, v. 6, no. 6)

61-14984

1. Title: Anion radicals
2. Title: Living polymers
- I. Yakovleva, Ye. A.
- II. Petrov, E. S.

Office of Technical Services

(FDD 26542)

Ninth Session of the General Assembly of the Academy
of Medical Sciences USSR (A Review of Reports on the
Problem of Inhibition), by Ye. A. Yakovleva, 55 pp.

RUSSIAN, no per, Vest Ak Med Nauk SSSR, No 3,
Moscow, Mar 1955, pp 41-57

CIA/FDD U-8157

35,040

USSR

Sci - Medicine, neurophysiology

May 56

(NY-6515)

The First Psychiatric Congress in Czechoslovakia,
by V. N. Myasishchev, F. V. Bassin, Ye. K.
Yakovleva, 12 pp.

RUSSIAN, per, Zhur Nevropatologii i Psikhatrii
imeni S. S. Korsakova, Vol LX, No 10, 1960,
pp 1391-1396.

JPRS 9613

Sci - Med

Aug 61

²
16X058

(11-3129).

Fourth Scientific Conference on Problems of
Growth Morphology, Physiology, and Biochemistry,
by Ye. S. Elizavleva, I. P. Konkin, B. S.
Svadrkovskiy, 8 pp.

RUSSIAN, per, Arkhiv Anatom Gistol i Embriol, No 8,
1959, pp 117-122.

JPRS 2552

Sci - Med
May 60

115,517

Determination of the Solubility of Metals in
Lithium, by Yu. F. Bychkov, A. N. Rozanov, V.
Yakovleva, 6 pp.

RUSSIAN, per, Atom Energ, Vol VII, No 6, 1959
pp 531-536.

CB

Sci

Jun 61

156,373

New Data on the Crystallography of Minerals of
the Batisite-Shcherbakovite Series, by T. A.
Yakovlevskaya, A. F. Yefimov, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CLI, No 1-6, Jul, Aug 1963, pp

MAmer Geol Inst

Sci
Jul 65

AN APPROXIMATION METHOD FOR SOLVING JET
PROBLEMS, by G. V. Yakovlevskiy, 11 pp.,
FOR OFFICIAL USE ONLY
RUSSIAN, por, Iz Ak. Nauk, Seriya 1 Mashinop.
No 9, 1964. 9098131 PP 169-170
ASTC 381-705-316
I-7528
ID 3204022265

Sci - Eng
Oct 65

Yakovlevskiy, G. V.

288,364

Investigation of the Interaction of
a Jet Flow with an Adjoining Plate
by O. V. Yakovlevskiy and A. N.
Sedundov.

RUSSIAN, per, Izvestiya Akad Nauk
OTN, Mekhanika i Mashinostroyeniye.
No 1, 1964, pp 104-114.

*FTD-WF-65-528

O. V. Yakovlevskiy

SciPhys
July 65

123
Investigation of the Interaction of a
Jet With Screens Located Near, by
O. V. Yakovlevskiy, A. N. Sekundov, 22 pp.
RUSSIAN, per, Iz AN SSSR Mekhanika,
i Mashinostroyeniye, No 1, 1964,
pp 104-114, P100146567
FTD-MF-66-370

HT

O. V. Yakovlevskiy

Sci-Prop and Fuels
Jun 67

327,242

114
Thickness of the Turbulent Mixing Zone at
the Boundary of Two Streams of Liquids of
different Velocity and Density, by
O. V. Yakovlevskiy. 6 pp.
RUSSIAN, per, Akademiya Nauk SSSR, Izvestiya.
Energetika i Transport, No 10, 1968,
pp 153-158. B7CFOG8
FTB-TT-65-1928

O. V. Yakovlevskiy

Sci/Physics
May 66

299,476

~~299,476~~

An Hypothesis on the Universality of Ejection
Properties of Turbulent Gas Jets and Its Application,
by O. V. Yakovlevskiy, 30 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
Mekh i Mash, No 3, 1961, pp 40-54. 9668621

FTD-TT-63-222

Sci-Phys
May 63

230,810

135
Propagation of a Turbulent Jet
Colliding With a Flat Surface,
by O. V. Yakovlevskiy, B. Yu. Krascheninnikov.
RUSSIAN, per, Izv Akad Nauk SSSR Mekh Zhidkosti i
Gaza, No 4, 1966, pp 192-197.
*NASA TT F-10,784

O. V. Yakovlevskiy

Sci-Phys
Mar 67

Heat Transfer in Nonboiling Water at High
Thermal Loads, by V. V. Yakovlev, 3 pp.

RUSSIAN, per, Atomnaya Energiya, Vol II, No 2,
1957, pp 179-180.

Consultants Bureau

Sci - Nuc Phys

Jun 58

65,022

Biosynthesis of Glutamic Acid and Glutamine During
Ripening of Wheat Grains, by V. L. Kretzovich, V. I.
Yakovleva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 1,
1959, pp 210-212.

AIBS

Sci
Nov 59

109,989

S-124/60

(NY-3694).

On the Effect of the Charge of the Substance
and the Dielectric Constant of the Solvent Upon
the Velocity of Hydrogen Exchange, by A. I.
Shatenstein, Ye. A. Yakovleva, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CV, No 5,
1955, pp 1024-1027.

JPRS 2634

Sci - Chem
May 60

116,682

Manufacturing Sausages from Frozen Yellowfin
Tuna, by Z. A. Yakovleva, G. S. Khristoforova,
RUSSIAN, per, Rybnoe Khoz, Vol XL, No 7, 1964,
pp 69-70.

Dept of Interior
Fish and Wildlife Service
Bureau of Commercial Fisheries

Sci-B&M
Jul 67

Z. A. Yakovleva
329,8106

Controlled Organogenesis and Regeneration of
a Whole Plant in a Culture of Nondifferentiated
Plant Tissue, by R. G. Bortenko, Z. M. Yakubova,
24pp

RUSSIAN, per, Akademiya Nauk SSSR, Moscow, 1964.
Seriya Biokhimiya, Vol 27, 1964, pp 250-261
OIS 22-64-29530

Z. M. Yakubova

Sol - Biol
June 67

325,792

Effect of Gibberellic Acid on the Growth and Auxin Metabolism of Isolated Tissue Cultures Grown Under Different Light Conditions, by R. G. Batenko, Z. M. Yakovleva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 5, 1961, pp 1246-.

AIES

Sci

May 62

196,537

Controlled Organogenesis and Regeneration of a
Whole Plant in a Culture of Non-differentiated
plant Tissue, by R. G. Butenko, Z. M. Yekimova.
RUSSIAN, per, Izvestiya Akademii Nauk, SSSR Seriya
Biologicheskaya, 1962, pp 41-239
ALL/PTS 2621 - 303 od

2. m. ~~7~~ AKDU/evA

Sci -
Aug 67

335,466

On the Occurrence of Betekhtinite in the
Dzhezkazgan Ore Deposit, by K. M. Mukanov, L. P.
Narkelyun, T. A. Yakovlevskaya 3 pp.

RUSSIAN. per, Dok Ak Nauk SSSR, Vol 11 CXXX, No 2,
1960, pp 404-407.

AGI

Sci

Jun 61

153, 162

The Mixing of Jets in a Channel With Variable
Cross-Section, by O. V. Yakovlevskiy. 13 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, OEN, Mekh i Mash,
No 1, 1962, pp 66-72. 9679874

FTD-TT-62-1571

Sci- Aero
Apr 63

2726, 723

The Thickness of the Turbulent Mixing Zone at the
Boundary of Two Gas Streams With Different Velocity
and Density, by O. V. Yakovlevskiy.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
No 10, 1958, pp 153-155.

ATS NJ-2206

Sci - Chem

May 60

Ref of I
TN 9 E 57 710 291
115,462

Controlled Organogenesis and Regeneration
of a Whole Plant in a Culture of Non-
differentiated Plant Tissue, by R. G.
Datsenko and Z. H. Yakovleva.
RUSSIAN, per, Investiya Akad Nauk SSSR,
Seriya Biologicheskaya, 1962, no 230-241.
REL R23 2521 (On Loan or Purchase)

Aug 65

206,976

Z. M. Yakovleva

An Approximation Method for Solving Jet
Problems, by O. V. Yakovlevskiy.
RUSSIAN, per, Iz Ak Nauk SSSR, Mekh i Mash,
No 4, 1964, pp 169-172.
*ACSI 1-7878
ID 221402265

32

Sci - Aero
Jul 65

O. V. Yakovlevskiy

Influence of Ring Formation on the Physicochemical
Properties of Platinum(II) Compounds, by M. M.
Yakshin, L. I. Baranova, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 8,
1960, pp 1710-1716.

Cleaver-Hume Press

Sci

Jul 61

157, 621

Atomic Polarisation and Effective Charge of Tetrahalides of Group IV Elements, by M. M. Yakshin, V. M. Ezuchevskaya, 4 pp.

RUSSIAN, per, Zhur Neorgan Khim, No 11, 1961, pp 2425-2432.

Cleaver-Hume Press

Sci

Oct 62

213,207

On Atomic Polarization of Cis-Trans-Isomeric Diamine
Compounds of Platinum, by M. M. Yakshin, V. M.
Ezuchevskaya, 19 pp.

RUSSIAN, per, Zhur Georg Khin, Vol II, No 3, 1957,
pp 555-568.

AEC-tr-4053

PL-480

Sci

Apr 61

PST No 80

145,227

TT-65-64240 Field 9C

Yakub, Yu. A.; Kozharinov, V. V.
DESIGNING 110-500 KV OUTDOOR DISTRIBUTION
EQUIPMENT. 1965, 17p. CE-Trans-3752.
Order from CFSTI, SLA, or ETC: HCS1.60 MF\$0.50
as TT-65-64240

Trans. of Elektricheskie Stantsii (USSR) v35 n1 p43-51 1964.

I. Central Electricity
Generating Board,
London (England)

(DC-4600/2)

Some Problems of Long-Distance Electric Power
Transmission, by A. B. Krikunchik, S. S. Rokotyan,
Yu. A. Yakub, 8 pp.

RUSSIAN, per, Elektrich Stantsii, No 8, 1960,
pp 48-54.

JPRS 6613

USSR
Econ
Feb 61

138, 599

On the Migrations of Black Larvae, by V. M. Yakubov
English 10 pp.

RUSSIAN, per, Entomolog Oboz, Vol XXXVIII, No 2,
1959, pp 424-434.

CFST! 77-65-61126

AIBS

Sol -
Jan 61

135,382

...
Fundamentals of Engineering Cybernetics, 06
by E. A. Yakubaitis. 242pp.

RUSSIAN, bk, Osnovy Tekhnicheskoi Kibernetiki,
1962.

NASA TT F-290

CP371 TT 65-50116

h

E. A. Yakubaitis

Sci/Engr

Feb 66

294,712

47
Cybernetics and the Development of Sciences,
by E. A. Yakubovits, 5 pp.
RUSSIAN, per, Iz Ak Nauk Latvinskoy SSR, No 12,
1963, pp 24-26.
JPRS 25714

Sci - Misc
Aug 64

154,720

Simulation of Choke-Coupled Magnetic Amplifiers,
by V. P. Glukhov, E. A. Yakhubaytis, 8 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XII, No 7,
1959, pp 955-962.

Instru Soc of Amer

Sci

Apr 60

113,430

33

New Trends in Automation, by E. Yatskovits,
6 pp.
RUSSIAN, per, Maska i Tekh, No 3, 1964, pp
26, 27.
JPRS 25839

Sci - Elect
Jun 64

261,100

Analytic Expression for the Static Characteristics
of the Measuring Element of a Choke Regulator,
by B. A. Yakubovskiy, 6 p.

RUSSIAN, per, Avtomat i Telemekh, Vol XVIII, No 3,
1957, pp 267-272.

Instru Eng of Amer

Sci

Feb 60

108,762

Algorithm of the Synthesis of Logic Convergence,
Optimum Within a Given Set, by E. A. Yakubovskii,
15 pp.

RUSSIAN, per, Trudy Inst. Elektroniki i Vych.
Tekh., Ak. Nauk Lat. SSR, Vol. IV, 1963, pp. 21-33,
9696765

FTD-TT-64-1143

Sci - Elec
May 65

200,462

62

**Discrete Indicator of the Limiting Value of the
Product of Two Continuous Voltages,
by E. A. Yabinskaya, M. P. Vayns, et al, 113 pp.
RUSSIAN, per, Dr Ak Nauk Latvii SSR, Seriya,
Fiz i Tekh Nauk. No 3, 1964, pp 77-87.**

Principles of Engineering Cybernetics, by
Ye. A. Yakubaytis.

RUSSIAN, bk, Osnovy Tekhnicheskoy Kibernetiki,
Riga, 1962. 286 pp.

*PL-480
NASA

Sci -
Jul 63

Hydrogenation of Natural and Synthetic CIs - 95
1,4-Polyisoprene, by A. I. Yakubchik,
B. I. Tikhonirov, 8 pp.
RUSSIAN, per, Vestnik Leningrad Univ, Ser Fiz
Khim, No 4, 1961, pp 135-138.
AEC/UCRL-Tr-10320-69

A. I. Yakubchik

Sci/Phy
Jun 69

382,696

Effect of Hydrogenation on the Properties of EK
Polybutadienes, by A. I. Yakubchik, V. N. Reikh,
6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIV, No 11, 1961,
pp 2501-2507.

CB

Sci

Jul 62

205,179

Determination of the Structural Regularity of
Isoprene Rubbers from the Nature of the
Linkage of 1,4 Units, by A. I. Yakubchik,
S. K. Zykhova, 4 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXIV, No 7,
1961, pp ~~1602~~ 1608-1611.

CB

Sci

May 62

197,619

Hydrogenation of 1,4-Polybutadiene at Atmospheric Pressure, by A. I. Yakubovich, B. I. Tikhomirov, 5 pp.

RUSSIAN, per, Zhur Obshch, Vol XXX, No 1, 1960, pp 128-131.

CB

Sci

Feb 61

144, 104

Investigation of the Chemical Structure of
Butadiene Rubbers Subjected to Gamma-Radiation, by
A. I. Yakubchik, V. A. Filatova, 6 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXIII, No 5,
1960, pp 1177-1181.

CB

Sci

Apr 61

149,620

Comparative Study of Chemical Structure of SKK
Rubber and SKKM Rubber by the Method of
Ozonolysis, by A. I. Yakubchik, A. I. Spasskova,
A. G. Zak, I. D. Shostatskaya, ¹⁶ pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,
No 11, 1958, pp 3090-3095.

Consultants Bureau

Sci

Dec 59

103,168

Determination of 1,2 Units in Piperylene Rubber, by
A. I. Yakubchik and V. K. Smirnova, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXV, No 1, 1962,
pp 159-163.

CB

Sci

233,887

Dec 62

Study of the Chemical Structure of SBR Sodium
Divinyl Rubber (Made by the Hot Process), by
A. I. Yakubchik, S. K. Zykova, and S. F. Gon-
charuk, 8 pp.

RUSSIAN, per, Zhur Prii Khim, Vol XXXI, No 11,
1958, pp 1697-1703.

Consultants Bureau

Sci

Dec 59

102,240

A Study of the Chemical Structure of Sodium-Carbonic Acid Polymers of Divinyl, by A. I. Yakubchik, A. I. Spasskova, L. A. Shibayev, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8, 1958, pp 2056-2060.

CB

Sci - Chem
Oct 59

99,060

Investigation of the Chemical Structure of Divinyl
Thermopolymers, by A. I. Yakubchik, I. I. Sorokina,
6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 9,
Sep 1956, pp ~~2421-2425~~ 2421-2425.

Consultants Bureau

Sci - Chemistry
Feb 58

58,934

The Chemical Structure of the Autopolymer of
Butadiene, by A. I. Yakubovich, A. I. Spasskova,
7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 6,
Jun 1956, pp 1629-1634.

Consultants Bureau

Sci - Chemistry
Jul 57

49,677

The Abnormal Products of Vinyl-1-Cyclohexene-3
Ozonolysis, by A. I. Yakubchik, A. I. Spasskov,
B. I. Tikhomirov, 5 pp.

RUSSIAN, per, Zhur Obsch Khim, Vol. XXVIII,
No 4, 1958, pp 916-920.

Consultants Bureau

Sci - Chem
Jun 59

89,132

Use of Partition Chromatography for⁴ Separation of the
Acids Formed by the Oxidative Decomposition of Divinyl
Polymer Ozonides, by A. I. Yakubchik, B. K. Zykova,
6 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXIX, No 10,
Oct 1956, pp 1591-1597.

Consultants Bureau

Sci - Chem

56, 471

Doc 57

A Study of the Chemical Structure of the Spongy
Divinyl Polymer. II, by A. I. Yakubchik, A. I.
Spasskova, V. A. Tsitokhtsev, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 1,
1958, pp 143-149.

Consultants Bureau

Sci - Chem
Apr 59

84, 196

Determination of the Percentages of 1,4 and 1,2
Units in Different Fractions of Sodium Butadiene
Rubber, by A. I. Yakubchik, V. A. Filatova, 4 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 6, 1959,
pp 1340-1343.

CB

Sci
Jul 60

1021, 017

The Structure of the Potassium-Divinyl (Butadiene)
Polymer, ^{by} A. I. Yakubchik, and N. N. Motovilova,
4 pp

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 2,
1958, pp 421-423.

Consultants Bureau

Sci - Chem

Apr 59

85, 675

Study of the Chemical Structure of Emulsion-
Polymerized Divinyl Rubbers Made at + 50 and
- 35°, A. I. Yakubchik, S. K. Zykova, ~~4. M. V~~
V. M. Vlasova, 9 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXII, No 5,
1959, pp 1092-1099;

Consultants Bureau

Sci

Jun 60

117,762

The Ozonisation of Unsaturated Compounds. III.
The Addition of Ozone to Internal and External
Double Bonds in Divinyl Rubber, by A. I. ~~Yakubchik~~
~~Yakubchik, N. G. Kessalkina, and T. E. Pavlov-~~
~~skaya, 3 pp.~~

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No
6, 1957, pp 1487-1489.

Consultants Bureau

Sci - Chem
Sep 58

72,911

Ozonization of Unsaturated Compounds, II. A
Study of the Curves for the Absorption of Ozone
by Unsaturated Compounds and Their Mixtures by
A. I. Yakubchik and N. G. Masatkina, 8 pp.

Full tr

RUSSIAN, no par, Zhur Obshch Khim, Vol XXVI, No 3,
1956, p 699-705.

Consultants Bureau

Sci - Chemistry
Jan 57 CTS

42,498

1-1-54

1-1-54

Study of the Chemical Structure of Rubbers SKN-26 and
SKN-40 by the Method of Ozonolysis,
by A. I. Yakubchik, A. I. Spasskova, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 7, 1960,
pp 2172-2175.

CB

555

Sci

166, 243

Aug 61

Oxidative Breakdown of the Ozonide of Butadiene
Rubber, by A. I. Yakubchik, H. G. Kasatkina, G.
I. Demidova and G. B. Fedorova, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol LXVII, No
5, 1957, pp 1195-1200.

Consultants Bureau

Sci - Chem

Sep 58

72,753

Study of the Chemical Structure of Various
Fractions of Sodium Butadiene Rubber, by A. I.
Yakubchik, V. A. Filatova, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 8,
1959, pp 2658-2662.

Consultants Bureau

Sci

Aug 60

126,732

Hydrogenation of Solutions of Butadiene Rubber at Atmospheric Pressure and Room Temperature. I. Preparation of Rubbers of Different Degrees of Hydrogenation and Study of Their Properties, by A. I. Yakubchik, G. N. Gromova, 8 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 5, May 1956, pp 1381-1389.

Consultants Bureau

Sci - Chemistry
May 57

47,298

The Ozonation of Unsaturated Compounds. I. Obtaining
Curves For the Absorption of Ozone by Unsaturated
Compounds, by A. I. Yakubchik, N. G. Kasatkina,
T. E. Pavlovskaya, 11 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol. XXV, No 8,
1955, pp 1473-1477.

Sci Tr Ctr RT-3273

Scientific - Chemistry 34,863

May 56 CTS/aex

Scientific - Chemistry

Yakubchik, A. I., Vasil'ev, A. A. and others.
CHEMICAL CHARACTERISTICS OF BUTADIENE
RUBBERS BASED ON DETERMINATION OF FORMIC
ACID AND FORMALDEHYDE IN THE PRODUCTS OF
DECOMPOSITION OF THEIR OZONIDES. [1961] 6p.
33 refs.

Order from OTS or SLA \$1. 10

61-16908

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1944, v. 17
[no. 1/2] p. 107-113.

DESCRIPTORS: *Rubber, Decomposition, Ozonides,
Butadienes, Formaldehyde, *Synthetic rubber, Formic
acids.

A rapid method of classification of butadiene polymers
and their copolymers, for instance with styrene, was
developed, based on correlation of the properties of the
rubber with the number of vinyl linkages in the rubber
molecule indicated by ozonization. Data for 14 types of
(Materials--Rubber, TT, v. 6, no. 9)

61-16908

I. Yakubchik, A. I.
II. Vasil'ev, A. A.

Office of Technical Services

Hydrogenation of Solutions of Butadiene Rubber at
Atmospheric Pressure and Room Temperature.
II. Influence of Nature of the Solvent on the
Process of Catalytic Hydrogenation of Unsaturated
Compounds Over Palladium-on-Calcium Carbonate
Catalyst, by A. L. Yakubchik, G. M. Gromova, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 6,
Jun 1956, pp 1626-1628.

Consultants Bureau

Sci - Chemistry
Jul 57

49,678

Plane Wave Motion of an Incompressible Conducting
Fluid With Allowance for Electromagnetic Radiation,
by A. E. Yakubenko,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 1210-1212.

NASA TT F-8053

Sci
Oct 61
List 2

170, 191

US GOV'T ONLY

The Plane Wave Motion of an Incompressible Conducting
Fluid Considering Electromagnetic Radiation, by
A. E. Yakubenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 6,
1960, pp 1310-1312.

AIP
Sov Phys - Dok
Vol V, No 2

Sci

Aug 61

164,824

Certain Problems in the Method of Experimental Research in Surgery, by L. S. Korchanov, A. V. Yakubenko

RUSSIAN, no per, Voenno Med Zhur, No 10, Moscow, Oct 1959, pp 55-60

US JPRS 2102-N

Sci
Jan 60

104,724

Characteristics of Certain Types of Combined
Radiation Injuries and Their Treatment by
S.Korchanov, I.I.Pryakin, and A.V.Yakubenko

RUSSIAN, no per, Voenno Med Zhur, No 7,
Moscow, Jul 1958, pp 44-49

US JPRS(NY) 870

Sci - Medicine
Dec 58

77, 270

113

Measuring the Flow of a Fluid in a Circular Pipe
by the Magnetohydrodynamic Method, by
A. Ye. Yakubenko, 4 pp.

RUSSIAN, per, Zhurnal Prikladnoy Mekhaniki i
Tekhnicheskoy Fiziki, No 5, 1964, pp 151-154.

P100096168-V

FTD-MT-65-161

Sci-Phys
Jun 68

A. Ye. Yakubenko

356,451

Some Individual Differences in the Activity of
a Sportsman-Acrobat and Their Consideration in
Teaching and Training Exercises, by B. I.
Yakubchik, 17 pp.

USSR, per. Voprosy Psichologii, No. 9, 1964,
pp. 20-30.
JPRS 28276

p 15

USSR
Soc
Feb 65

174,040

Toward the Study of the Glass Region in the System F_2
 $O_5-Al_2O_3-ZnO$, by Z. M. Syritskaya, V. V. Yakubik,
4 pp.

RUSSIAN, per, Steklo i Keramika, Vol XVII, No 2,
1960, pp 18-21.

CB

Sci

Sep 62

210,344

Hypersonic Flying Vehicle With Self-Balancing Surfaces,
by Ye. V. Bulygina, L. T. Yakubo, 10 pp.

RUSSIAN, per. Iz Vysheikh Ucheb Zavod, Sbornik Aviats
Tekh, No 3, 1963, pp 3-10.

JPRS 22703

Sci
Jan 64

246,855

Ketene, by A. Y. Yakubovich, 42 pp.

RUSSIAN, per, Uspekhi Khim, Vol XIV, No 4, 1945,
pp 301-329.

SLA R-1040

Sci - Chemistry
Mar 58

59,764

NASA TT F-241

Sci-Plys
Oct 64

207,525

LACK OF MANAGERIAL CAPABILITY III YUZHNO-
KAZAKHSTANSKIY KRAY IY B. YANJENKIN, 7 PP.

RUSSIAN, PER, NABOZHNIYE KHOZYAYSTVO KAZAKHSTANA,
NO 7, JUL 63, PP 17-18.

JPRS 21494

USSR
ECON

OCT 63

346,624

(NY-6503)

The State of Health of Individuals Working With
Mercaptophos and Intrathione During the Pro-
cessing of Cotton in Certain Rayons of Tadzhik-
istan, by A. Ya. Yakubov, 5 pp.

RUSSIAN, per, Zdravookhraneniye Tadzhik,
No 4(42), 1961, pp 28-#31.

JPRS 13246

Sc1 - Med
Apr 62

189, 893

Certain Problems Regarding Instrument Flight
Psychology, by B. Tashiro, Ed. Peters, 1958,
with appendix

RECEIVED, NY, Bureau Aeronautics, 5 Sep 1958, p 2.

AT 116748

Sci - 116748
Jan 58
USAR
M11

77,898

Study of Conditions for Separation of Antibiotics
of Mycetin-Violarin Group by Paper Chromato-
graphy by G. Z. Yakubov, and Yu. M. Khokhlova,
5 pp.

RUSSIAN, per, Mikrobiologiya, VOL XXXI, No 3,
1962, pp 526-533.

CB

Sci
Nov 63

243,309

Radiation Cooling of a Gas Heated by a Powerful Shock Wave, by V.G. Sevastyanenko and I.T. Yakubov, 5 pp.

RUSSIAN, per, Optika i Spektro, Vol XVI, No 1, 1964, pp 3 -10.

Optical Soc of Amer

Sci

May 64

258,391

Approach to Ionization Equilibrium Behind the Front
of a Shock Wave in an Atomic Gas, by L.M. Bulberman,
and I.T. Yakubov, 97pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXIII, No 11,
1963, pp 1344-1353.

Amer Inst of Phys
Sov Phys - Tekh Phys
Vol VIII, No 11

Sci
May 64

259,604

Yakubov, I. T.

AN ASYMPTOTIC EXPRESSION FOR THE GENERALIZED LAGUERRE POLYNOMIALS. [1963] [7]p. 7 refs. Order from OTS or SLA \$1.10

63-18371

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Matematika (USSR) 1963, no. 1(32) p. 169-171.

DESCRIPTORS: *Polynomials, Numerical analysis.

A new asymptotic expression is presented for the generalized Laguerre polynomials. The expression is derived by studying a particular solution of the Schrodinger equation for large values of the index. (Translator)

(Mathematics, TT, v. 10, no. 10)

63-18371

1. Title: Schrodinger equation
1. Yakubov, I. T.

1252462

Office of Technical Services

The Effect of Radiation on the State of a Gas Ahead
of a Shock-Wave Front

By A. N. Lagar'kov and I. T. Yakubov pp. 5

RUSSIAN, per, Optika i Spektro, Vol XIV, No 2,
1963, pp. 199 - 207

OSA

Sci

344,595

Aug 63

An Approximate Method for Calculating Franck-Condon Factors, by L. M. Zilberman, I. P. Yakubov, 3 pp.

RUSSIAN, per, Optika i Spektro, Vol VIII, No 3, 1960, pp 294-299.

OSA

Sci

149,499

Apr 61

Yakubov, M. K.

REESTERIFICATION OF GLYCERIDES IN THE
PROCESS OF HYDROGENATION OF FATS
(Pereyeterifikatsiya Glitseridov v Protseesse
Gidrogenizatsii Zhirov). Nov 60 [8]p. 12 refs.
RTS 1579.

Order from LC or SLA mi\$1.80, ph\$1.80 61-13451

Trans. of Masloboyno-Zhirovaya Promyshlennost'
(USSR) 1959, v. 25, no. 5, p. 14-17.

Experiments indicated that in the process of hydrogenation of fats there is virtually no reesterification. The nickel and copper-nickel hydrogenation catalysts have no effect on the reesterification process. The slight reesterification is explained by a high hydrogenation temperature.

(Chemistry--Organic, TT, v. 5, no. 5)

61-13491

- I. Fats--Hydrogenation
- I. Yakubov, M. K.
- II. RTS-1579
- III. Department of Scientific and Industrial Research (Gr. Brit.)

Office of Technical Services

Reesterification of Glycerides in the Process of
Hydrogenation of Fats, by M. K. Yakubov.

RUSSIAN, per, Masloboino-Zhirovaya Prom, Vol XIV,
No 5, 1959, pp 14-17.

DSIR LLU RTS 1579

Sci - Chem

Oct 60

130,727

Discussions on Some of the Chemistry of Oil and
Fats, Mono- Di- and Triglycerides, Saturated or
unsaturated, by M. K. Yakubov. UNCL

RUSSIAN, per, Masloboyno Zhirov Prot, Vol XXIV,
No 1, 1958, pp 12-15.

DSIR LLU (loan) M.261

62-00-19168

Sci-Chem
Jun 59

88,466